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November 17, 2005

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Commissioner for Patents  
PO Box 1450  
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**Art Unit 2634**

**Attn: Mail Stop Amendment**

Re: U.S. Utility Patent Application  
Application No. 09/525,185; Filed: March 14, 2000  
For: **Spread Spectrum Applications of Universal Frequency Translation**  
Inventors: Sorrells *et al.*  
Our Ref: 1744.0450002

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Seventh Supplemental Information Disclosure Statement;
2. Form PTO-1449 (3 sheets); and
3. Return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents  
November 17, 2005  
Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Jeffrey T. Helvey  
Attorney for Applicants  
Registration No. 44,757

Enclosures

JTH/agj  
465923\_1.DOC

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Sorrells *et al.*

Appl. No.: 09/525,185

Filed: March 14, 2000

For: **Spread Spectrum Applications of  
Universal Frequency Translation**

Confirmation No.: 8068

Art Unit: 2634

Examiner: Odom, Curtis B.

Atty. Docket: 1744.0450002

**Seventh Supplemental Information Disclosure Statement**

***Mail Stop Amendment***

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. The numbering on this Seventh Supplemental Information Disclosure Statement is a continuation of the numbering in Applicants' Sixth Supplemental Information Disclosure Statement filed on September 29, 2005 in connection with the above-captioned application.

Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.



Applicants provide the following comments regarding the documents:

Documents AF65-AH65 were cited in a Notice of Allowance in related U.S. Patent Application No. 10/359,636, filed February 7, 2003, entitled "Integrated Frequency Translation and Selectivity," directed to related subject matter. Also cited in said Office Action were U.S. Patent Nos. 5,126,682; 5,926,054; 6,049,706; 6,421,534; and 6,560,301, which have already been cited in the present application.

Documents AI65 and AA66-AD66 were cited in an Office Action in related U.S. Patent Application No. 10/197,255, filed July 18, 2002, entitled "Networking Methods and Systems," directed to related subject matter. Also cited in said Office Action was U.S. Patent No. 6,850,742, which has already been cited in the present application.

Documents AE66 is a co-owned patent which is directed to related subject matter.

Documents AF66 and AG66 were cited in an Office Action in related U.S. Patent Application No. 09/569,045, filed May 10, 2000, entitled "Methods And Apparatuses Relating To A Universal Platform Module And Enabled By Universal Frequency Translation Technology," directed to related subject matter. Also cited in said Office Action was U.S. Patent No. 5,844,868, which has already been cited in the present application.

Documents AH66, AI66 and AA67-AD67 were cited in a Notice of Allowance in related U.S. Patent Application No. 10/961,272, filed October 12, 2004, entitled "Apparatus, System, And Method For Down-Converting And Up-Converting Electromagnetic Signals," directed to related subject matter. Also cited in said Office

Action was U.S. Patent No. 6,853,690, which has already been cited in the present application.

This statement should not be construed as a representation that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

Applicants have checked the appropriate boxes below:

- ☐ 1. Statement under 37 C.F.R. 1.704(d). Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this information disclosure statement.
- ☒ 2. Filing under 37 C.F.R. § 1.97(b). This Information Disclosure Statement is being filed before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No statement or fee is required.
- ☐ 3. Filing under 37 C.F.R. § 1.97(c). This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection, or Notice of Allowance, or an action that otherwise closes prosecution in the application.
  - ☐ a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a

counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).

☐ b. Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).

☐ c. Attached is our PTO-2038 Credit Card Payment Form in the amount of \_\_\_\_\_ in payment of the fee under 37 C.F.R. § 1.17(p).

☐ 4. Filing under 37 C.F.R. § 1.97(d) This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Enclosed find our PTO-2038 Credit Card Payment Form in the amount of \$ \_\_\_\_\_ in payment of the fee under 37 C.F.R. § 1.17(p); in addition:

☐ a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).

- ☐ b. Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
- ☐ 5. The document(s) was/were cited in a search report by a foreign patent office in a counterpart foreign application. Submission of an English language version of the search report that indicates the degree of relevance found by the foreign office is provided in satisfaction of the requirement for a concise explanation of relevance. 1138 OG 37, 38.
- ☐ 6. A concise explanation of the relevance of the non-English language document appears below in accordance with 37 C.F.R. § 1.98(a)(3):
- ☒ 7. In accordance with 37 C.F.R. § 1.98(a)(2), copies of the U.S. patents cited on the attached Form PTO-1449 are not enclosed.
- ☐ 8. Copies of the documents were cited by or submitted to the Office in an IDS that complies with 37 C.F.R. § 1.98(a)-(c) in Application No. \_\_\_\_\_, filed \_\_\_\_\_, which is relied upon for an earlier filing date under 35 U.S.C. § 120. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d).
- ☐ 9. It is expected that the examiner will review the prosecution and cited art in the parent application no(s). \_\_\_\_\_ in accordance with MPEP 2001.06(b), and


indicate in the next communication from the office that the art cited in the earlier prosecution history has been reviewed in connection with the present application.

It is respectfully requested that the Examiner initial and return a copy of the enclosed Form PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

  
Jeffrey T. Helvey  
Attorney for Applicants  
Registration No. 44,757

Date: 12/16/05

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FORM PTO-1449

ATTY. DOCKET NO.  
1744.0450002APPLICATION NO.  
09/525,185SEVENTH SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENTFIRST NAMED INVENTOR  
David F. SorrellsFILING DATE  
March 14, 2000ART UNIT  
2634**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF65	5,787,125	07/1998	Mittel			
	AG65	5,878,088	03/1999	Knutson <i>et al.</i>			
	AH65	6,215,828	04/2001	Signell <i>et al.</i>			
	AI65	5,703,584	12/1997	Hill			

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AJ						Yes No
	AK						Yes No
	AL						Yes No
	AM						Yes No

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)**

EXAMINER INITIAL	DOC. REF.	CITATION
	AN	
	AO	
	AP	
	AQ	
	AR	

EXAMINER

DATE CONSIDERED

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

ATTY. DOCKET NO.  
1744.0450002APPLICATION NO.  
09/525,185**SEVENTH SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT**FIRST NAMED INVENTOR  
David F. SorrellsFILING DATE  
March 14, 2009ART UNIT  
2634**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA66	5,887,001	03/1999	Russell			
	AB66	6,298,065 B1	10/2001	Dombkowski <i>et al.</i>			
	AC66	2002/0080728 A1	06/2002	Sugar <i>et al.</i>			
	AD66	2002/0163921 A1	11/2002	Ethridge <i>et al.</i>			
	AE66	6,963,734 B2	11/2005	Sorrells <i>et al.</i>			
	AF66	6,005,506	12/1999	Bazarjani <i>et al.</i>			
	AG66	6,438,366 B1	08/2002	Lindfors <i>et al.</i>			
	AH66	2001/0015673 A1	08/2001	Yamashita <i>et al.</i>			
	AI66	2003/0045263 A1	03/2003	Wakayama <i>et al.</i>			

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	AJ						Yes No
	AK						Yes No
	AL						Yes No
	AM						Yes No

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)**

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	AP	
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	AR	

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FORM PTO-1449

ATTY. DOCKET NO.

1744.0450002

APPLICATION NO.

09/525,185

SEVENTH SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT

FIRST NAMED INVENTOR

David F. Sorrells

FILING DATE

March 14, 2000

ART UNIT

2634

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA67	5,196,806	03/1993	Ichihara			
	AB67	5,410,195	04/1995	Ichihara			
	AC67	6,404,823 B1	06/2002	Grange <i>et al.</i>			
	AD67	6,618,579 B1	09/2003	Smith <i>et al.</i>			
	AE						
	AF						
	AG						
	AH						
	AI						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AJ						Yes No
	AK						Yes No
	AL						Yes No
	AM						Yes No

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EXAMINER

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